



# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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1. GENERAL AND WELL LOCATION	OSE POD NUMBER (WELL NUMBER) <b>CW - 71</b>				OSE FILE NUMBER(S)				
	WELL OWNER NAME(S) <b>Homestake Mining Company of California</b>				PHONE (OPTIONAL)				
	WELL OWNER MAILING ADDRESS <b>PO Box 98 Hwy. 605</b>				CITY STATE ZIP <b>Grants NM 87020</b>				
	WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84			
		LATITUDE	35	14					.750
	LONGITUDE	107	52	.427	W				
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE									
2. DRILLING & CASING INFORMATION	LICENSE NUMBER <b>WS-1415</b>		NAME OF LICENSED DRILLER <b>Weston Bohannon</b>			NAME OF WELL DRILLING COMPANY <b>Coyote Drilling Inc.</b>			
	DRILLING STARTED <b>01/29/2014</b>		DRILLING ENDED <b>01/30/2014</b>		DEPTH OF COMPLETED WELL (FT) <b>140</b>		BORE HOLE DEPTH (FT) <b>140</b>		
					DEPTH WATER FIRST ENCOUNTERED (FT) <b>120</b>				
	COMPLETED WELL IS: <input type="radio"/> ARTESIAN <input type="radio"/> DRY HOLE <input checked="" type="radio"/> SHALLOW (UNCONFINED)						STATIC WATER LEVEL IN COMPLETED WELL (FT) <b>36</b>		
	DRILLING FLUID: <input type="radio"/> AIR <input checked="" type="radio"/> MUD ADDITIVES - SPECIFY: _____								
	DRILLING METHOD: <input checked="" type="radio"/> ROTARY <input type="radio"/> HAMMER <input type="radio"/> CABLE TOOL <input type="radio"/> OTHER - SPECIFY: _____								
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)	
	FROM	TO							
		<b>0</b>	<b>140</b>	<b>8 3/4</b>	<b>4 1/2 pvc</b>	<b>Spline</b>	<b>4 1/2</b>	<b>Sch 40</b>	
		<b>120</b>	<b>140</b>	<b>8 3/4</b>	<b>4 1/2 pvc</b>	<b>Spline</b>	<b>4 1/2</b>	<b>Sch 40</b>	<b>.032</b>
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT			
	FROM	TO							
	<b>0</b>	<b>100</b>	<b>8 3/4</b>	<b>3/8 Hole Plug</b>	<b>25 sacks</b>	<b>Tremie</b>			
	<b>100</b>	<b>140</b>	<b>8 3/4</b>	<b>8 - 12 Sand</b>	<b>41 sacks</b>	<b>Tremie</b>			

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	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
4. HYDROGEOLOGIC LOG OF WELL	0	20	20	Brown Sand & Gravel	<input type="radio"/> Y <input checked="" type="radio"/> N	
	20	40	20	Brown Sand	<input type="radio"/> Y <input checked="" type="radio"/> N	
	40	120	80	Brown Clay	<input type="radio"/> Y <input checked="" type="radio"/> N	
	120	130	10	Brown Sandstone	<input checked="" type="radio"/> Y <input type="radio"/> N	
	130	140	10	Brown Clay	<input checked="" type="radio"/> Y <input type="radio"/> N	
					<input checked="" type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
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					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
	METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="radio"/> PUMP					TOTAL ESTIMATED WELL YIELD (gpm): <b>15</b>
<input checked="" type="radio"/> AIR LIFT <input type="radio"/> BAILER <input type="radio"/> OTHER – SPECIFY:						
5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
	MISCELLANEOUS INFORMATION:					
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: <b>Donald Ward</b>					
6. SIGNATURE	<p>THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:</p> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">               SIGNATURE OF DRILLER / PRINT SIGNEE NAME           </div> <div style="text-align: center;"> <u>1-30-14</u>              DATE           </div> </div>					

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